

What is claimed is:

1. An apparatus, comprising:  
a dispenser having a lower chamber, an upper chamber, an upstream opening, and a downstream opening;  
a first powered valve operably connected to said upstream opening; and  
a second powered valve operably connected to said downstream opening.
2. The apparatus of claim 1, further comprising:  
a first water line secured to an upstream side of said first powered valve; and  
a second water line secured to a downstream side of said second powered valve.
3. The apparatus of claim 1 wherein:  
said first powered valve has a first conductor for supplying electricity to said first powered valve; and  
said second powered valve has a second conductor for supplying electricity to said second powered valve, said first conductor being in electrical contact with said second conductor.
4. The apparatus of claim 1 wherein said first and second powered valves comprise electrical solenoid valves.
5. The apparatus of claim 1 wherein a lower portion of said upper chamber is disposed below an upper portion of said lower chamber.
6. The apparatus of claim 5 wherein said lower portion of said upper chamber is disposed above a lower portion of said lower chamber.
7. The apparatus of claim 6 wherein said lower portion of said lower chamber is unobstructed over substantially its entire length.
8. The apparatus of claim 5 wherein said dispenser comprises a tee connector and a cylinder secured to an upper opening of said tee connector.
9. The apparatus of claim 5 wherein said upper chamber comprises a cylinder, said cylinder having an upper portion with a first diameter, and a lower portion with a second diameter, said second diameter being less than said first diameter.
10. The apparatus of claim 5 wherein said upper chamber comprises a cylinder, said cylinder having a bottom having a plurality of openings passing therethrough and said cylinder having

~~a side having a plurality of openings passing therethrough.~~

11. An irrigation system, comprising:

a first water line;

an RPZ valve, said first water line being operably connected to an upstream side of said RPZ valve;

a second water line operably connected to a downstream side of said RPZ valve;

a first powered valve, said second water line being operably connected to an upstream side of said first powered valve;

a dispenser operably connected to a downstream side of said first powered valve;

a second powered valve operably connected to a downstream side of said dispenser;

a third water line operably connected to a downstream side of said second powered valve;

and

a sprinkler head operably connected to said third water line.

12. The system of claim 11 wherein said dispenser comprises an upper chamber and a lower chamber, a lower portion of said upper chamber being disposed below an upper portion of said lower chamber

13. The system of claim 12 wherein said lower portion of said upper chamber is disposed above a lower portion of said lower chamber, and said lower portion of said lower chamber is unobstructed over substantially its entire length.

14. The system of claim 12 wherein said upper chamber comprises a cylinder, said cylinder having an upper portion with a first diameter, and a lower portion with a second diameter, said second diameter being less than said first diameter.

15. The system of claim 14, further comprising:

a lid removably secured to an upper portion of said cylinder; and

pressure release means operably connected to said lid for releasing pressure from within said cylinder before said lid is removed.

16. A dispenser, comprising:

a tee connector having an upper opening, said tee connector forming a lower channel; and

a cylinder secured to said upper opening of said tee connector, said cylinder forming an upper

4 chamber, said upper chamber having a lower portion disposed below an upper portion of said  
5 lower chamber and above a lower portion of said lower chamber;  
6 said lower portion of said upper chamber having a bottom with a plurality of openings  
7 passing therethrough and having a side with a plurality of openings passing therethrough; and  
8 said lower portion of said lower chamber being unobstructed over substantially its entire  
9 length.

1 17. The apparatus of claim 16, further comprising:

2 a first reducer bushing operably connected to an upstream opening of said tee connector; and  
3 a second reducer bushing operably connected to a downstream opening of said tee connector.

1 18. The apparatus of claim 17, further comprising:

2 a first powered valve operably connected to said first reducer bushing; and  
3 a second powered valve operably connected to said second reducer bushing.

1 19. A method of irrigating an area, comprising:

2 (1) providing a dispenser, a first powered valve operably connected to an upstream side of  
3 said dispenser, and a second powered valve operably connected to a downstream side of said  
4 dispenser;

5 (2) opening said first and second powered valves;

6 (3) passing water through an RPZ valve;

7 (4) after step (3), passing said water through said first powered valve and into said dispenser;

8 (5) after step (4), adding soluble matter to said water;

9 (6) after step (5), passing said water from said dispenser and through said second powered  
10 valve;

11 (7) after step (6), passing said water to a sprinkler head; and

12 (8) after step (7), closing said first and second powered valves.

1 20. The method of claim 19 wherein step (5) comprises:

2 (a) passing a portion of said water from a lower chamber of said dispenser into an upper  
3 chamber of said dispenser to dissolve soluble matter stored within said upper chamber; and

4 (b) after step (a), passing a solution of water and soluble matter from said upper chamber to  
5 said lower chamber.